



COMMONWEALTH of VIRGINIA

DEPARTMENT OF TRANSPORTATION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219-2000

PHILIP A. SHUCET
COMMISSIONER

COMMONWEALTH OF VIRGINIA DEPARTMENT OF TRANSPORTATION NOTICE OF WARD

Contract # 757-DS, # 21387

March 16, 2004

Name of Contractor: Goodpasture Motor Co.
Address: 3415 Lee Highway
Bristol, Virginia 24202

Your Bid Offer date: 10-24-2004
Your bid Response to: Contract# FMSII 21387, 757-DS

To Furnish: Trucks, 26,000 GVW Cab & Chassis, Crash Cushion
Period of Contract- Date of Award – March 16, 2004 thru March 16, 2005

Hereby is accepted at prices and terms stated, subject to all conditions and requirements Of the solicitation, purchase specifications, warranties performance bond and other stipulations, if any. The solicitation, your bid offer and this notice of acceptance constitute the contract.

Sincerely,

David M. Smith
Contract Officer, VCO, CPPB

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
ADMINISTRATIVE SERVICES DIVISION
1401 EAST BROAD STREET
RICHMOND, VIRGINIA 23219

NOTICE OF CONTRACT AWARD

1. DATE.....03-16-2004
2. COMMODITY NAME.....Trucks, 26,000 GVW Crash Cushion
3.International Brand 2005
4. CONTRACT NUMBER.....FMSII-21387 - IFB# 757-DS
5. CONTRACT PERIOD.....March 16, 2004-March 16, 2005
6. AUTHORIZED USERS.....State Agencies and other Public Bodies
7. CONTRACOTRS FIN NUMBER.....54-022-6040
8. CONTRACTOR.....Goodpasture Motor, Inc.
9.PO Box 16277
10.Bristol VA. 24203
11. CONTRACTOR CONTACT PERSON.....Mr. Frank Goodpasture
12. CONTRACOR'S PHONE NUMBER.....276-669-0311
- FAX NUMBER.....276-669-0393
13. DELIVERY.....120 Days
14. PRICES AND OPTIONS.....See Attached
15. FOB.....Richmond, Virginia
16. FOR FURTHER CONTRACT INFORMATION CONTACT.....David M. Smith
- 804-786-5179
17. FOR ADDITIONAL COPIES OF THIS AND OTHER CONTRACTS AND ANY ASSOCIATE
CONTRACT CHANGES, CALL VBO MESSAGE CENTER (804)371-6725.

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
RICHMOND VA 23219**

**PRICE AND OPTION DATA
RFP # 757-DS FMSII-21387**

MAKE & MODEL – Trucks
2005 model

BASE UNIT COST for INTERNATIONAL \$ 35,878.50
DELIVERY: Approx. 90-120 days with EPA engine upgrade

This contract has an extension clause/three additional years
After two original years.

Options:

Options:	Unit Cost
Stake Body	\$3,185.46
Arrow Board	\$3,163.02
Underbody Toolbox	\$ 331.50
Truck mounted Attenuator	\$12,914.22
Side mounted Liftgate, 2000 lbs cap	\$3,531.24
Warranty 3 years	\$ 678.30
Warranty 5 years Engine& Auto Transmiss	\$ 663.00

Additional options available at 40% discount off the manufactures list price.
The unit cost on this contract has a 2%VAPP surcharge added.

David M. Smith
Contract Officer

INSTRUCTIONS

1. Orders: Unless otherwise instructed by the Department of Transportation, institutions and agencies of the Commonwealth of Virginia may order items listed by issuing agency purchase orders (Form DPS-41-056) or by issuing their own purchase order form. Please forward copy of order to VDOT.
2. If this contract is authorized for use by localities (see line item 5, page 1), Virginia cities, counties, towns and political subdivisions may use their own form to order items listed in this contract.
3. The applicable contract number, federal employer identification number (FIN) and item number (for itemized contracts) must be shown on each purchase order and copy.
4. Inspection on delivery or pickup and approval of vendor's invoice is the responsibility of receiving State Agency, Virginia city, county, town or political subdivision.
5. Any complaint as to quality faulty or delinquent delivery, or violation of contract provisions by contractor shall be reported to the Department of Transportation for handling with the contractor. Preprinted forms (DGS-41-024), by which to facilitate the notification of the contractor and this office of complaints, are available from the Division of Purchases and Supply (786-3522).
6. SPECIFICATIONS: Please call (804) 371-6725 to request specification for this vehicle.
7. DELIVERY: Vehicles shall be delivered to various state agencies, political subdivisions throughout the State. These deliveries from contractors are net delivered to Richmond, Virginia. There will be a .60 cent per mile charge for distance exceeding that of the distance from the contractor to Richmond. There will be a mileage credit, of .60 cents per mile if the distance is less than that of the distance from the contractor to Richmond, Virginia. For measuring distances use the Virginia State Map.
8. OPTIONS: The attached options may be added to the base unit cost of the vehicle, no other options can be added to the contract unless you have prior approval from the VDOT Administrative Services Division, contact David Smith.
9. For colors that are available on this vehicle, please contact the contractor.

4. Class 861 – Crash Cushion Vehicle with NCHRP-350-III Attenuator

General: The truck and body shall conform to the following specifications. GVW to be not less than 25,500 lbs., with a CA of at least 84". Wheelbase to be approximately 155".

Frame to be of "L" shaped reinforcing for heavy duty work and extend to rear of body.

Front Axle: Capacity at ground to be not less than 8,000 lbs., and to be "I" beam construction with heavy duty springs, 6,000 lbs., capacity at ground each side. To be furnished with power steering and Stemco type seals and automatic slack adjusters.

Rear Axle: To be equipped with single-speed axle; gradeability minimum 30%. Capacity at ground to be not less than 17,500 lbs. Rear springs to be heavy duty, at least 18,500 lbs., capacity at ground. Road speed to be approximately 65 MPH at rated engine RPM. Automatic slack adjusters to be furnished.

Transmission: To be automatic transmission Allison MT-643 and be compatible with the engine torque.

Brakes: To be air and have front lining area of at least 15" x 4" and rear lining area of at least 16-1/2" x 7". Air brake filter to be Salem 918-101 or Brakemaster #62 with heater. Dust shields to be furnished on brakes.

Engine: To be diesel, turbocharged, not less than 185 SAE gross horsepower at rated RPM and SAE gross torque of not less than 475 lbs. ft. at rated RPM. Engine supplied to be equipped with oil filter, heated fuel filter (Racor 900-FG, do not substitute), and dry air cleaner. Engine to be equipped with governor set to manufacturer's RPM. Fan to be automatic type. Low oil and high water temperature buzzers to be supplied. Engine to be equipped with cab control cold start unit and tachometer. Engine coolant is to be ethylene glycol type antifreeze meeting the requirements of TMC RP-329 (fully formulated, low silicate, nitrite containing) mixed 50-50 with water. Antifreeze is to be on the current Penray® Fill-For-Life program approved list. Radiator is to be tagged indicating the type of coolant and freeze protection level.

Tires: To be equipped with 11R/22.5 - 14 ply tubeless steel-belted radial tires on front and rear. Four rear tires to be Goodyear Unisteel G124, General Steeley Lug, Firestone Transteel Traction, or foul weather tires for mud and snow or tires comparable in quality and tread design. Tires must be approved by the Asset Management Division/Equipment Section. NOTE: Tires to be designed to be recapped.

Wheels: To be hub-piloted steel disk wheels with 22.5 x 8.25 rims. Inside rear tires on truck to have space between tire and spring assembly to allow for use of dual tire chains. Trucks to be furnished under these specifications will allow use of dual chains without modifications.

COMMONWEALTH OF VIRGINIA

Medium and Heavy-Duty Truck RFP #757-DS

Cab: To be equipped with dual fresh air heater and defroster; dual horns; intermittent electric windshield wipers; windshield washers; arm rests; dual West Coast type mirrors, 6" x 15"; hourmeter reading tenths and dual sun visors. Factory air conditioning and AM/FM radio to be furnished. Cab also to be furnished with tinted glass and lap/shoulder belts. Driver's seat to be National Seating high-back type Model 196 or equal. Passenger seat to be two-person spring cushion type. Driver's seat must meet FMVSS 202 Head Impact Test. Dome lamp and ICC Traffic Hazard Switch to be supplied.

Electrical System: To be 12 volt with minimum 85 amp alternator and two heavy duty batteries with a total of at least 1,200 CCA @ 0°

Fuel System: To be equipped with at least 50 gallon tank, left side preferred. Batteries to be mounted as step type under right side cab.

Miscellaneous: Signal lights and cab clearance lamps to be provided.

Stake Body: To be standard stake body with steel floor approximately 144" long, 96" wide, and 36" high. Long sills to be for 34" wide frame and be of 5" minimum height. Cross sill depth to be 3" minimum and spaced at approximately 16" centers. Side rail depth to be 5" minimum. A steel floor, 1/8" thick tread plate, is to be furnished. Frame rails to extend the full length of the body long sill.

Do not put a crossmember over wheel area.

Paint: Body color to be black.

Stake Sections: Steel stake sections are to be secured with spring loaded safety catches.

Body Lights

Front: Two amber recessed combination reflector and clearance lights and two amber recessed combination reflector and side-marker lights.

Rear: Two red recessed combination reflector and side-marker lights, and three red recessed rear identification lights. Lights must conform to Inspection Requirements of the Motor Vehicle Code of Virginia.

Underbody Toolbox: To be formed steel 18" wide x 18" high x 48" long. Toolbox to be mounted on the right side under stake body. Slam action latch with key lock. Reference: Reading U-48 or approved equal. Painted black.

Arrow Board: A flashing arrow board is to be furnished. The arrow board is to be frame mounted directly behind the truck cab. Mounting design to allow sign panel to pivot. It is to be not less than 48" x 96". The sign housing is to be constructed of sheet metal or aluminum with appropriate stiffeners. It is to be painted with two coats of flat black enamel. Mounting bracket to be 2" x 2" steel square tubing. Mounting bracket is to be designed so that the bottom edge of the arrow board is 45" above the deck of the body when the arrow board is in the working position with sufficient clearance to clear cab when sign is moved to the stowed position. In stored position, sign should be over top of cab. The mounting bracket for the sign panel shall be equipped with two electrically controlled hydraulic or ball-bearing screw actuators to allow operator to raise or lower sign panel from the vehicle cab. Actuator switch is to be mounted in sign panel controller.

The front panel is to contain at least 15 - 6" LED amber lamps with maximum angularity to the side. The sign is to be capable of presenting four messages: Left arrow, right arrow, double arrow, and four corner caution. In the arrow modes, there are to be at least five lamps in each arrowhead with the shaft lamp next to each arrowhead not illuminated for greater arrowhead definition. The messages are to be selected through a remote control panel which shall be supplied and mounted in cab within easy reach of operator. To have a voltage control system for lowering light intensity for nighttime operation. Lamp circuitry to be completely enclosed in sign housing. Reference: Wanco Model WVBB2P8-LA or equal.

An amber strobe type light is to be mounted on the back center of the board so that it is visible 360° when the board is in the stowed position. The light shall have a flash rate of 80 +/- 10 flashes per minute and be approximately 6-5/8" in diameter and 7-1/2" in height or greater.

The sign is to be fully assembled with control cable, ready to operate.

Warranty: The supplier of the arrow board is to provide a statement of manufacturer's standard warranty of all items supplied. A minimum of one year from in-service date shall be provided.

Offer Literature: Descriptive literature on the arrow board will be required to substantiate the details specified in offer.

Current Model: Arrow board to be standard proven model of manufacturer's latest current production with additional features outlined herein. Unit not to be materially modified or augmented.

Manuals & Parts Lists: Successful bidder shall furnish two sets of manual of instructions and parts lists with each arrow board.

Note: Arrow board mounting frame design and location are to be approved by the Virginia Department of Transportation (VDOT) at a pre-construction meeting with the successful bidder.

Truck Mounted Attenuator: The complete attenuator system shall consist of a steel or aluminum mounting frame, a steel or aluminum back-up structure assembly, an expendable (crushable) crash cushion cartridge, and all necessary hardware to complete the installation. Crushable crash cushion is to be approximately 80" long, 96" wide and 24" high. Total system weight to be approximately 1,300 lbs. The attenuator shall readily attach to the truck chassis by means of a pin-mounted, quick attach/quick detach system and shall be capable of being easily raised or lowered so as to maintain a 12" clearance between the roadway and bottom of housing.

The unit shall be capable of tilting from horizontal to a vertical 90° angle by means of a self-contained, electric/hydraulic system to facilitate transportation to and from storage area. The cartridge and back-up structure assembly shall lock and unlock in the vertical position automatically.

The controls for activating this operation shall be enclosed within a detachable, waterproof box with a 25' cord extension.

The cartridge shall attach to the back-up plate of the back-up structure assembly by means of easily removable corrosion resistant bolts with rubber grommet seals for corrosion protection.

An arrangement of adjustable caster-wheeled leveling jack stands shall be provided to facilitate the installation, attachment, removal, and handling-in-storage of each removable cartridge and back-up structure assembly. Minimum of two (2) at the front and one (1) at the rear.

Each unit shall have a standard trailer lighting system, including brake lights, taillights, turn signals, and ICC bar lights configured in such a manner as to provide proper lighting in both the vertical and horizontal positions. A Betts Products, or equal, sealed harness wiring system with a Virginia Department of Transportation (VDOT) standard 7-way trailer female receptacle to be furnished.

The stop/direction taillights shall be installed on the rear of the cartridge. Two (2) additional stop/tail direction lights shall be mounted on the back-up plate such that they provide rearward illumination when the crash cushion is in the 90° up position; they shall be no more than 50" off the ground when the unit is fully retracted. Lighting is to be visible whether the attenuator is in the "UP" or "DOWN" position.

Unit shall be fitted with two (2) flag brackets which shall allow placement of a standard Traffic Control Flag handle on each rear corner top with handles tilted outward 45° from the vertical.

Two (2) permanent instruction plates shall be furnished with each unit and fixed in position (one (1) on each side of unit).

Each attenuator system shall be individually identified with a serial number. The serial number shall be a minimum ½" high and shall be located on the left (street) side at the lower front corner.

Crash Testing: The new attenuator purchased under these specifications shall be pre-tested and certified as being in compliance with the following test criteria with certification made through the seal and signature of a licensed professional engineer. The attenuator shall have crushable cells enclosed in a weatherproof covering which when impacted shall collapse and contain all debris.

All testing, measurement and analysis shall be conducted in strict accordance with the National Cooperative Highway Research Program Report 350 level III methods. The successful bidder must provide an affidavit with his bid signed by a licensed professional engineer stating that these truck-mounted crash cushions have been tested by the manufacturer or an independent testing laboratory and comply to this criteria.

The mounting hardware and back-up plate are to be painted black. The rear panel shall have alternate 6 inch width orange and black chevron (inverted v) stripes. Stripes shall be sloped at a 45° angle downward in both directions from the upper center of the rear panel. Stripes shall be fabricated from fluorescent orange prismatic lens reflective sheeting conforming to Section 247.02(e) of the Road and Bridge Specifications.

In addition to the rear panel striping, the rear portion of the attenuator when in the vertical stow position shall have stripes in the same size and style as the striped area described in the horizontal position. This striped area is to be located at the lower portion of the attenuator.

The entire unit and accessories shall conform to all applicable Virginia Department of Motor Vehicles Regulations.

Any parts, controls, materials or attachments that are standard and/or necessary to form an efficient and complete working unit as judged by VDOT are to be furnished whether specifically mentioned herein or not.

Truck shall be ballasted to the maximum curb weight as recommended by the attenuator manufacturer. Ballast shall be "cobble" steel plate mounted ahead of the rear axle and properly secured around the truck frame.